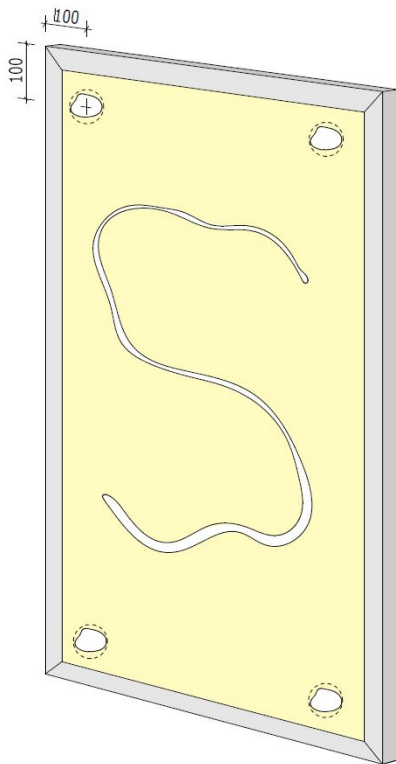# WALL PANEL INSTALLATION GUIDES
IMPALING DISC/ ADHESIVE

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The following guidelines are given to help avoid common errors. They are not intended to be a step-by-step list of instructions or a c checklist, and it is assumed that the installer has general construction knowledge. Asona bears no responsibility for any installation actions taken or not taken, and is not responsible for installer selection.

HANDLING & STORAGE
Handle individual panels 'on edge' to avoid bending when moving and carrying.
Store panels on a flat, dry solid surface. Do not store on edge.
Take necessary measures to keep panels dry, clean and free from dust. Pay special attention to edges.

INSTALLATION

1. The wall surface must be dry and free from dirt, dust, grease, loose paint, or any foreign matter that would interfere with a good adhesive bond. If the wall surface is not reasonably flat then panel alignment will be compromised.

2. Snap lines on wall both vertically and horizontally keeping lines plumb and square to create panel locations on the wall.

3. Impaling discs are designed to help hold panels in place.

4. Screw the impaling discs to the substrate, 100 - 150 mm in from the edges for all four corners of where the panel will be located.

5. Use the following guide to determine the number of discs needed per panel:

Width	600mm	1000mm	1200mm	1200mm
Height	1000mm	1200mm	1800mm	2400mm
Clips	4	4	6	8

5a. Installers of Asona products have successfully used the following construction mastics: Sikaflex Polyurethane Adhesive, Fullers Max Bond or Bostik Extreme. (This is not a product endorsement).

6. Place a 40mm dab of construction mastic in the centre of each impaling disc after disc has been screwed to the substrate.'

7. Apply a 'picture frame' of adhesive about 10 mm from the edge (contacting the fabric) and an 'S' or 'W' in the panel centre.

8. Place panel into position, press panel carefully and evenly onto discs to impale into back of panel and creating contact with dabs of glue.

9. Use perimeter adhesive as a wet shim to help align the panel faces.

NB: Fabwall tolerance is +/- 3mm. We recommend a gap of 10mm between panels when installed.

Contact your Asona for ceiling applications on: 09 525 6575 or info@asona.co.nz

WALL PANEL INSTALLATION GUIDES
IMPALING CLIP / ADHESIVE

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2. Snap lines on wall both vertically and horizontally keeping lines plumb and square to create panel locations on the wall.

3. Impaling clips are designed to help hold panels in place.

4. Screw the impaling clips to the substrate, 100 - 150 mm in from the edges for all four corners of where the panel will be located. (a fifth clip can be applied to the centre if required).

5. Use the following guide to determine the number of discs needed per panel:

Width	600mm	1000mm	1200mm	1200mm
Height	1000mm	1200mm	1800mm	2400mm
Clips	4	5	8	10

5a. Installers of Asona products have successfully used the following construction mastics: Sikaflex Polyurethane Adhesive, Fullers Max Bond or Bostik Extreme. (This is not a product endorsement).

6. Place a 40mm dab of construction mastic in the centre of each impaling clip after clip has been screwed to the substrate.'

7. Apply a 'picture frame' of adhesive about 10 mm from the edge (contacting the fabric) and an 'S' or 'W' in the panel centre.

8. Place panel into position, press panel carefully and evenly onto clips to impale into back of panel and creating contact with dabs of glue.

9. Use perimeter adhesive as a wet shim to help align the panel faces.

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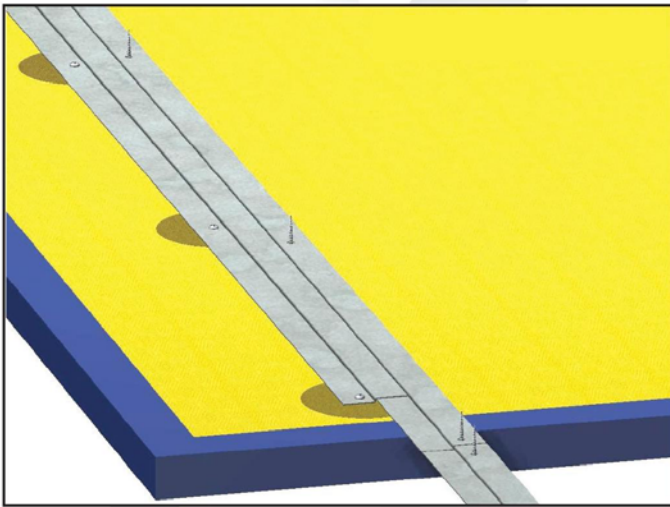
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WALL PANEL INSTALLATION GUIDES
Z-BAR TO Z-BAR

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PLANNING THE INSTALL

1. Review the materials list supplied by Asona and any drawings. Carefully determine the starting position of the first panel.

2. In many cases, standing the panels against the walls in numbered sequence is helpful.

3. Note that a minimum 20mm clearance at the top of the panel is required for clip engagement.

INSTALLING Z-BARS

1. Measure the Z-Bar locations on the back of the panel, 150 mm down from the top of the panel and transfer to the wall. Chalking the Z-Bars and pressing panels to the wall or ceiling can help with location.

2. Use a laser or snap a line using Z-Bar locations to provide a Z-Bar locating guide.

3. Install Z-Bar using appropriate mechanical fasteners for the mounting surface. Cut Z-Bars to desired lengths, and use drops as needed.

4. Fir out hardware to compensate for uneven walls/ceilings, assuring proper face alignment.

5. Install panel by holding against wall and lowering into place to engage clips. Ensure that all Z-Bars are engaged.

6. Add a dab of adhesive to mating Z-Bar surfaces to prevent unwanted movement.

7. For ceiling applications ensure panels are positively locked to prevent disengagement. A common example used in the field: Install single pieces or continuous runs of standard ceiling grid wall angle along the edges of the panels, or purchase fabric covered angle install wood trim along the panel edges; install a locking screw into the ceiling at the outside panel edge. Use a drywall screw into a ceiling joist or a screw-wall anchor combination.

NB: Fabwall tolerance is +/- 3mm. We recommend a gap of 10mm between panels when installed.
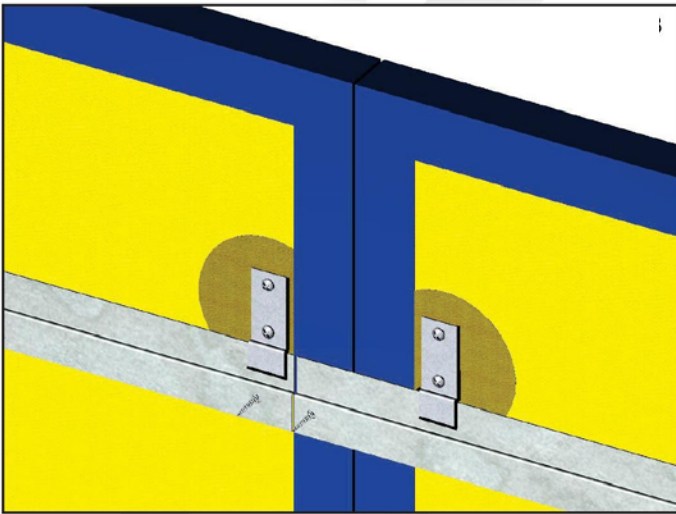
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WALL PANEL INSTALLATION GUIDES
Z-CLIP TO Z-BAR

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2. In many cases, standing the panels against the walls in numbered sequence is helpful.

3. Note that a minimum 20mm clearance at the top of the panel is required for clip engagement.

INSTALLING Z-BARS

1. Measure the Z-Bar locations on the back of the panel, 150 mm down from the top of the panel and transfer to the wall. Chalking the Z-Bars and pressing panels to the wall or ceiling can help with location.

2. For free-floating panels (non-abutting), double Wall brackets are provided to keep panels from moving left or right. Where panels abut, double wall brackets can span panels as illustrated.

3. User a laser or snap line using Z-Clip locations to provide a locating guide.

4. Install double wall brackets using appropriate mechanical fasteners for the mounting surface.

5. Fir out hardware to compensate for uneven walls/ceilings, assuring proper face alignment.

6. Install panel by holding against wall and lowering into place to engage clips. Ensure that all Z-Clips are engaged.

7. Add a dab of adhesive to mating Z-Clip surfaces to prevent unwanted movement.

NB: Fabwall tolerance is +/- 3mm. We recommend a gap of 10mm between panels when installed.

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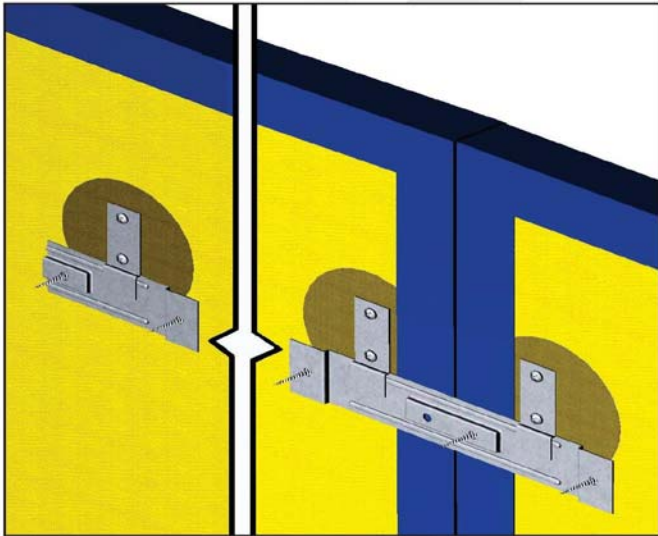09 525 6575 or info@asona.co.nz

WALL PANEL INSTALLATION GUIDES
Z-CLIP TO DOUBLE WALL BRACKETS

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PLANNING THE INSTALL

1. Review the materials list supplied by Asona and any drawings. Carefully determine the starting position of the first panel.

2. In many cases, standing the panels against the walls in numbered sequence is helpful.

3. Note that a minimum 20mm clearance at the top of the panel is required for clip engagement.

INSTALLING DOUBLE WALL BRACKETS

1. Measure the Z-Bar locations on the back of the panel, 150 mm down from the top of the panel and transfer to the wall. Chalking the Z-Bars and pressing panels to the wall or ceiling can help with location.

2. Use a laser or snap a line using Z-Bar locations to provide a Z-Bar locating guide.

3. Install Z-Bar using appropriate mechanical fasteners for the mounting surface. Cut Z-Bars to desired lengths, and use drops as needed.

4. Fir out hardware to compensate for uneven walls/ceilings, assuring proper face alignment.

5. Install panel by holding against wall and lowering into place to engage clips. Ensure that all Z-Bars are engaged.

6. Add a dab of adhesive to mating Z-Bar surfaces to prevent unwanted movement.

NB: Fabwall tolerance is +/- 3mm. We recommend a gap of 10mm between panels when installed.

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WALL & HANGING COMPONENTS

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SUSPENSION COMPONENTS
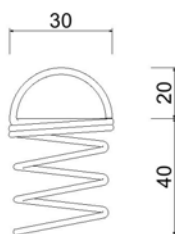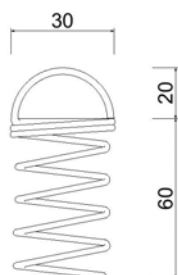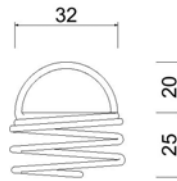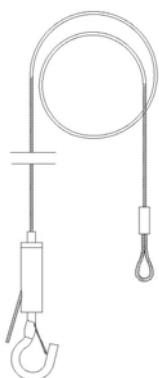
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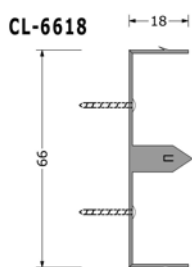
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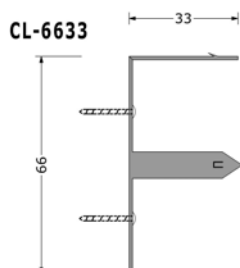20
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CL-SPA60

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CL-SPA25

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CL-SPA25-L

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CL-SSW2-L

CL-SSW2-C

WALL COMPONENTS

CL-6618

18
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4.5

CL-6633

33
66
4.5

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32
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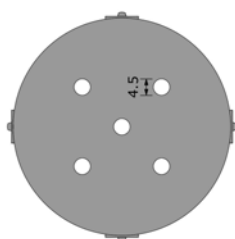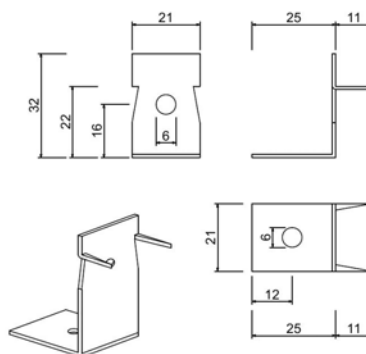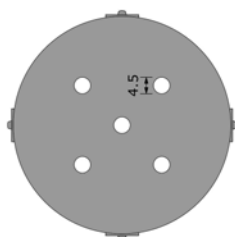
CL-IMP2532-11
Direct Fix Impaling Bracket

to suit
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Z-Bar